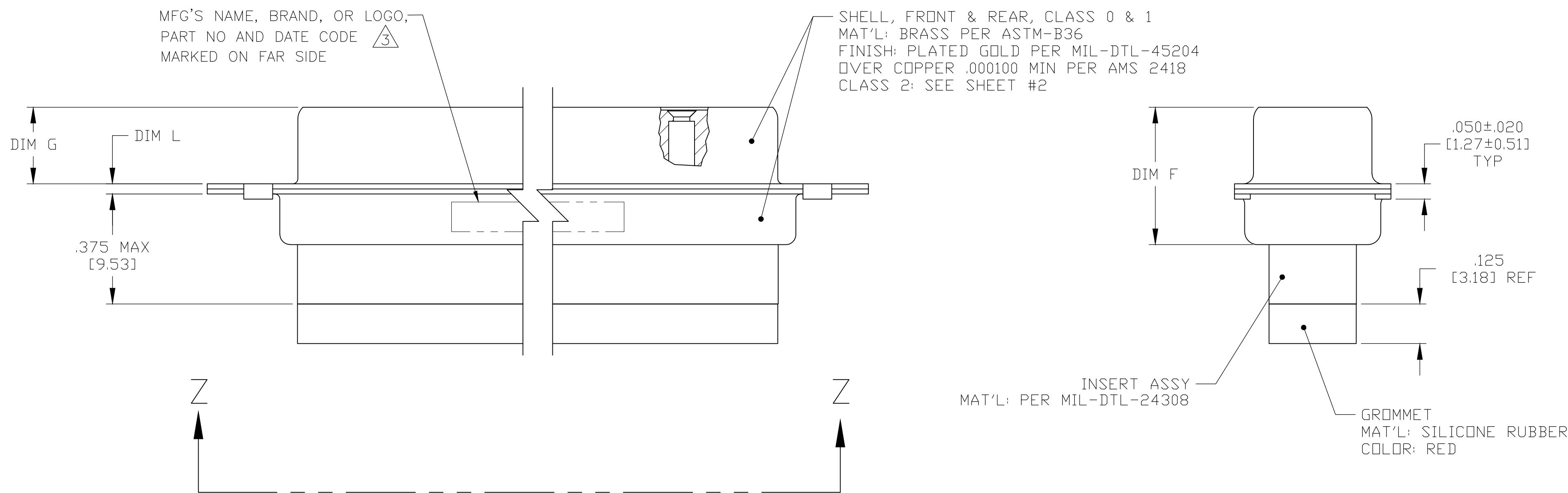
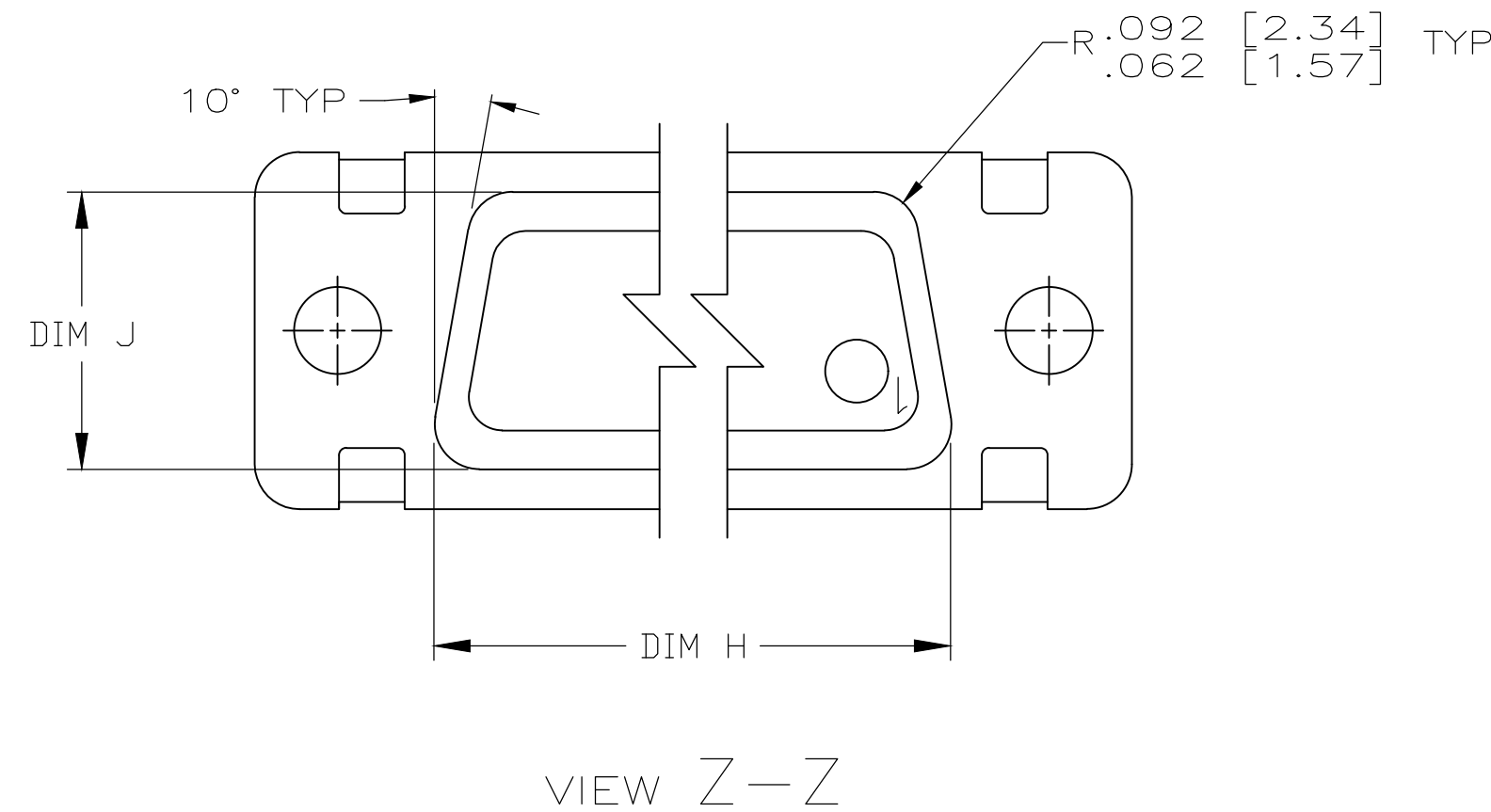
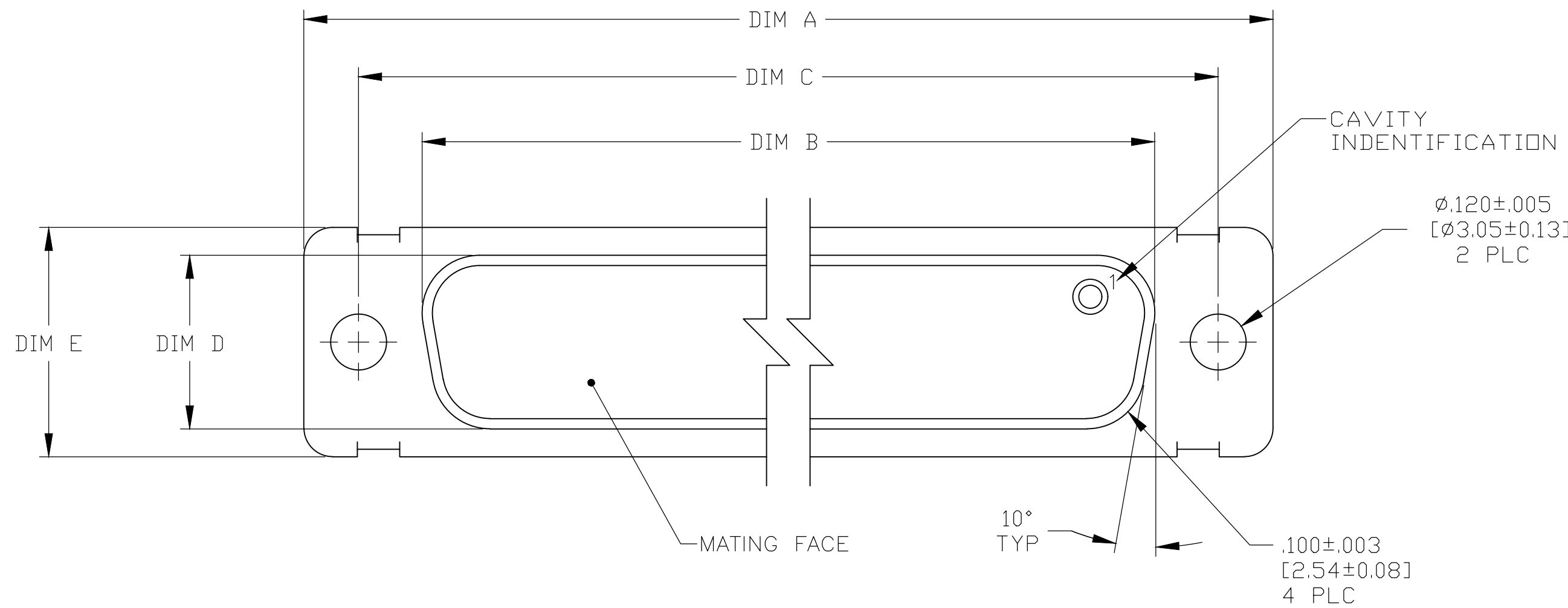


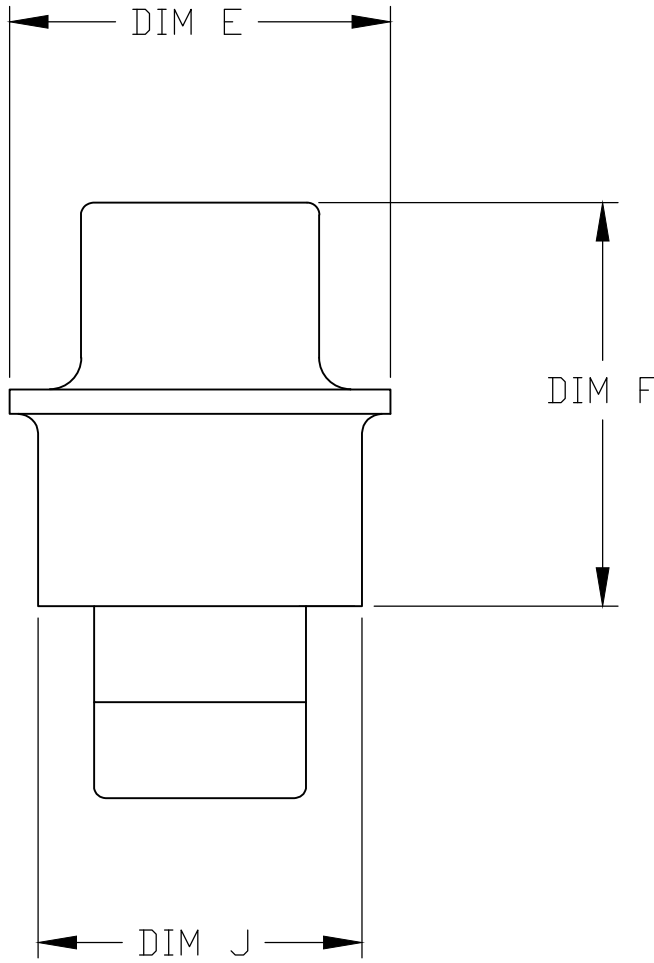
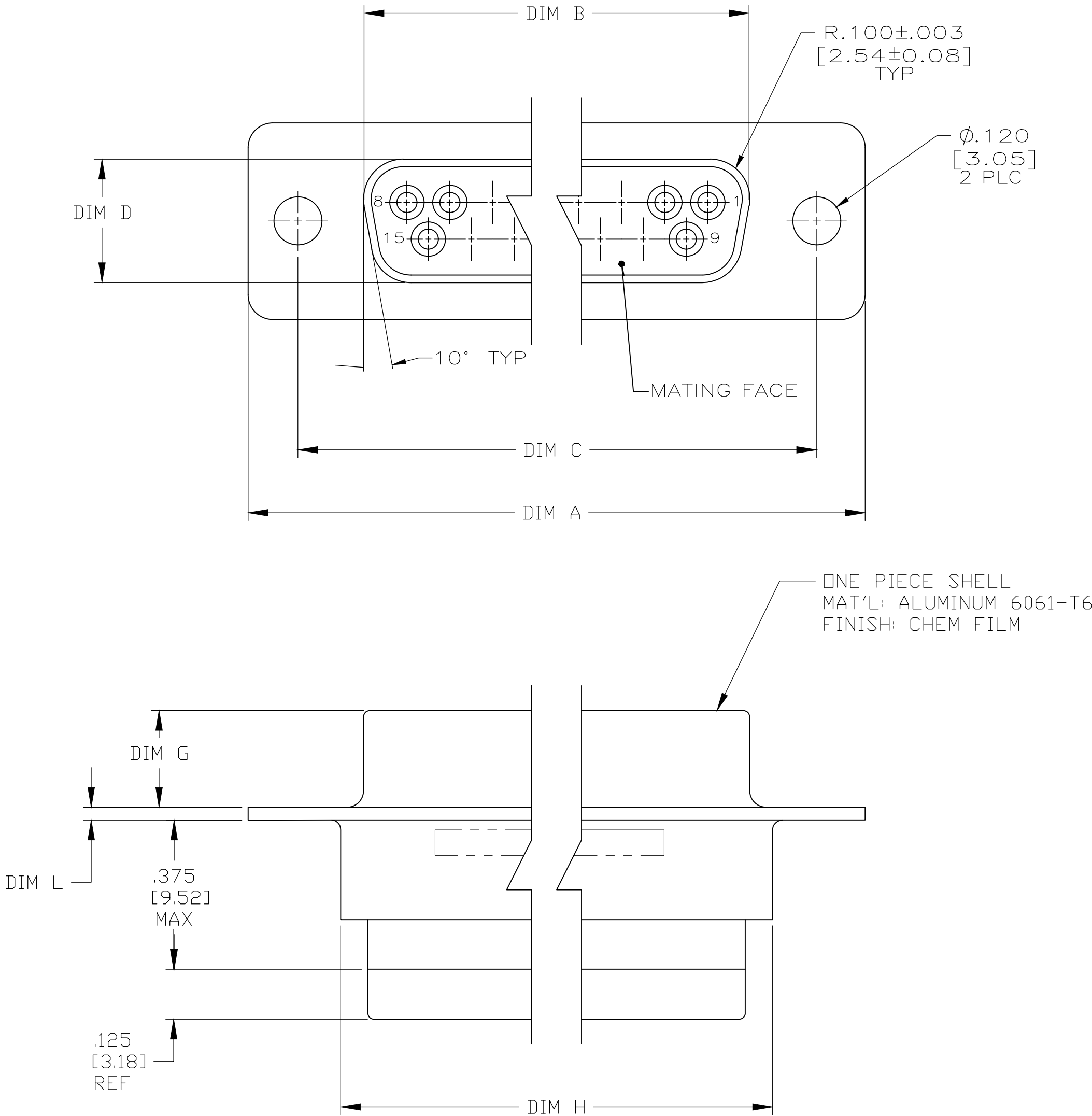
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	REV PER ECO 19-010821	8-5-19	CT	DM



1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH Be Cu CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
2. THIS CONNECTOR ASSEMBLY MATES WITH ANY PLUG CONNECTOR WITH THE SAME INSERT ARRANGEMENT AND DIMENSIONAL REQUIREMENTS PER MIL-C-24308.
3. MARKED WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF PART IS TOO SMALL TO FIT ALL MARKING ON REAR SHELL, FAR SIDE, TE AND DATE CODE MARKED ON NEAR SIDE AND TE PART NO. MARKED ON FAR SIDE OF REAR SHELL
4. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
5. CLASS 0 REQUIREMENTS:
100% INSPECTION REQUIRED:
A. VISUAL
B. DWV
C. IR
SINGLE LOT DATE CODE REQUIRED.
SPECIAL REQUIREMENTS:
A. TEST TWO CONNECTORS PER LOT FOR COMPLIANCE TO GROMMET PEEL STRENGTH REQUIREMENTS.
B. TEST ALL CIRCUIT CAVITIES FOR MISALIGNMENT OR EXCESSIVE ADHESIVE.
6. CLASS 1 REQUIREMENTS:
SAME AS CLASS 0 REQUIREMENTS PLUS:
NASA EEE-INST-002 SECTION C2 SCREENING, AS APPLICABLE
PPS INSERTS PER MIL-DTL-24308
THERMAL VACUUM BAKEOUT.
7. CLASS 2 REQUIREMENTS: SEE SHEET #2
SAME AS CLASS 1 REQUIREMENTS:
EXCEPT SHELL MATERIAL: ALUMINUM 6061-T6
SHELL FINISH: CHEM FILM

7	.049 .029	[1.24 0.7]	.556 .544	[14.12 13.82]	2.195-55.57 2.183[55.45]	.248 .238	[6.30 6.05]	.539 .519	[13.69 13.18]	.620 .590	[15.75 14.99]	.428 .418	[10.87 10.62]	2.411 2.401	[61.24 60.99]	2.069 2.059	[52.55 52.30]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	1-2157917-5	1-2157917-5
7	.049 .029	[1.24 0.7]	.444 .432	[11.28 10.97]	2.290-58.16 2.278[57.86]	.248 .238	[6.30 6.05]	.539 .519	[13.69 13.18]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	2.505 2.495	[63.63 63.37]	2.164 2.154	[54.97 54.71]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	1-2157917-4	1-2157917-4
7	.040 .020	[1.02 0.51]	.444 .432	[11.28 10.97]	1.642-41.71 1.630[41.40]	.248 .238	[6.30 6.05]	.539 .519	[13.69 13.18]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.857 1.847	[47.17 46.91]	1.516 1.506	[38.51 38.25]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	1-2157917-3	1-2157917-3
7	.040 .020	[1.02 0.51]	.444 .432	[11.28 10.97]	1.100-27.94 1.088[27.63]	.248 .238	[6.30 6.05]	.539 .519	[13.69 13.18]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.317 1.307	[33.45 33.20]	.976 .966	[24.79 24.54]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	1-2157917-2	1-2157917-2
7	.040 .020	[1.02 0.51]	.444 .432	[11.28 10.97]	.776-19.71 .764 [19.41]	.248 .238	[6.30 6.05]	.539 .519	[13.69 13.18]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	.989 .979	[25.12 24.87]	.648 .638	[16.46 16.21]	1.228 1.198	[31.19 30.43]	MS18273-1	9	1	1-2157917-1	1-2157917-1
6	.049 .029	[1.24 0.7]	.544 .524	[13.82 13.31]	2.188-55.88 2.168 [55.07]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.620 .590	[15.75 14.99]	.428 .418	[10.87 10.62]	2.411 2.401	[61.24 60.99]	2.069 2.059	[52.55 52.30]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	1-2157917-0	1-2157917-0
6	.049 .029	[1.24 0.7]	.432 .412	[10.97 10.46]	2.282-57.96 2.262 [57.45]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	2.505 2.495	[63.63 63.37]	2.164 2.154	[54.97 54.71]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	2157917-9	2157917-9
6	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	1.635-41.53 1.615 [41.02]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.857 1.847	[47.17 46.91]	1.516 1.506	[38.51 38.25]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	2157917-8	2157917-8
6	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	1.093-27.76 1.073 [27.25]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.317 1.307	[33.45 33.20]	.976 .966	[24.79 24.54]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	2157917-7	2157917-7
6	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	.769-19.53 .749 [19.02]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	.989 .979	[25.12 24.87]	.648 .638	[16.46 16.21]	1.228 1.198	[31.19 30.43]	MS18273-1	9	1	2157917-6	2157917-6
5	.049 .029	[1.24 0.74]	.544 .524	[13.82 13.31]	2.188-55.88 2.168 [55.07]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.620 .590	[15.75 14.99]	.428 .418	[10.87 10.62]	2.411 2.401	[61.24 60.99]	2.069 2.059	[52.55 52.30]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	2157917-5	2157917-5
5	.049 .029	[1.24 0.74]	.432 .412	[10.97 10.46]	2.282-57.96 2.262 [57.45]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	2.505 2.495	[63.63 63.37]	2.164 2.154	[54.97 54.71]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	2157917-4	2157917-4
5	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	1.635-41.53 1.615 [41.02]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.857 1.847	[47.17 46.91]	1.516 1.506	[38.51 38.25]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	2157917-3	2157917-3
5	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	1.093-27.76 1.073 [27.25]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	1.317 1.307	[33.45 33.20]	.976 .966	[24.79 24.54]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	2157917-2	2157917-2
5	.040 .020	[1.02 0.51]	.432 .412	[10.97 10.46]	.769-19.53 .749 [19.02]	.248 .238	[6.30 6.05]	.439 .419	[11.15 10.64]	.509 .479	[12.93 12.17]	.316 .306	[8.03 7.7]	.989 .979	[25.12 24.87]	.648 .638	[16.46 16.21]	1.228 1.198	[31.19 30.43]	MS18273-1	9	1	2157917-1	2157917-1
CLASS CODE	L		J		H	G		F		E		D		C		B		A		INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MFG'S P/N ON CONNECTOR	PART NUMBER

REVISIONS					
REV	DATE	DESCRIPTION	BY	CHK	APP'D
—	—	SEE SHEET 1	—	—	—



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 2-13-12	TE Connectivity	
		CHK R. LEASE 2-13-12		
DIMENSIONS: INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APP'D R. LEASE 2-13-12	NAME AMPLIMITE NONMAGNETIC RECEPTACLE ASSY WITH GROMMETS, SERIES 109, —	
	0 PLC ± —	PRODUCT SPEC	APPLICATION SPEC	
	1 PLC ± —	—	—	
	2 PLC ± —	—	—	
	3 PLC ± .003 [0.13]	—	—	
	4 PLC ± —	—	—	
	ANGLES ± — 1°	—	—	
MATERIAL SEE CALLOUTS	FINISH SEE CALLOUTS	WEIGHT 0.000000	SIZE A1	RESTRICTED TO —
CUSTOMER DRAWING		SCALE 4:1	SHEET 2	REV G